

# Converting Colors

Hex(E743EF)

Have a look what the booklet for  
Hex(E743EF) contains.

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**Color**

**Hex(E743EF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E743EF
RGB	231, 67, 239
RGB Percent	91%, 26%, 94%
CMY	0.0941, 0.7373, 0.0627
CMYK	0.03, 0.72, 0.00, 0.06
HSL	297°, 84%, 60%
HSV	297°, 72%, 94%
XYZ	50.5421, 27.2352, 84.2544
YIQ	135.6440, 42.5320, 88.2600

# Conversions

## Conversions Part 2

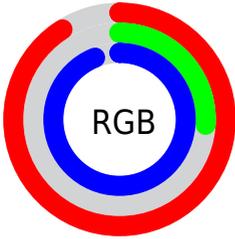
Format	Color
R <sub>Y</sub> B	231, 67, 239
Decimal	15156207
CIE Lab	59.19, 80.98, -53.97
CIE LCh	59, 97.319, 326.316
Yxy	27.2352, 0.3119, 0.1681
Android (android.graphics.Color)	4293346287 (0xFFE743EF)
YUV	135.6440, 50.9545, 83.6272
Hunter-Lab	52.1874, 81.5447, -59.1901

# Details

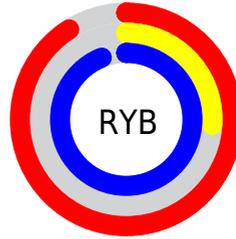
The Hex color **E743EF** is a light color, and the websafe version is hex **CC00CC**. The color can be described as light muted magenta. A complement of this color would be **4BEF43**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **FF82FF**, and **AB00B6** is the 20% darker color. If you saturate the color by 10%, you get **E62BEF**, and if you desaturate by 10%, it is **E85BEF**.

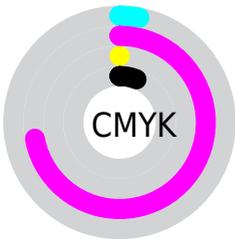
# Distribution



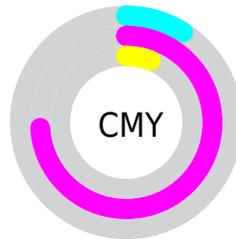
- Red (91%)
- Green (26%)
- Blue (94%)



- Red (91%)
- Yellow (26%)
- Blue (94%)



- Cyan (3%)
- Magenta (72%)
- Yellow (0%)
- Black (6%)



- Cyan (9%)
- Magenta (74%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E743EF changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color E743EF by changing the saturation by 10% instead.

 E743EF

FFFFFF

 FF82FF

 FF9FFF

 FFBDFE

 FFDBFF

 FFF9FF

 E743EF

 C919D2

 AB00B6

 8E009B

 710080

 540066

 3A004E

 1A0036

 00021F

 000002

 E743EF

 E743EF

 E62BEF

 E85BEF

 E513EF

 E973EF

 E400EF

 EA8BEF

 EBA3EF

 EDBAEF

 EED2EF

 EFEAEF

 F0FFEF

 F1FFEF

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



5D7DFF



E743EF



FF009D

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



E743EF



B68800



00B1D9

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



E743EF



4BEF43

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



00B081



E743EF



629F00

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



E743EF



F45F00



00AB1E



00ADFF

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E743EF



FF0065



00AB1E



00B1BD

# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



E743EF



FCC7FF



434CEF



7E5E80



000000



808080



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



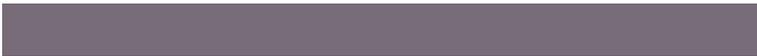
E743EF



F524FF



EF43A2



776C78



AF00B8



350038



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



EF434B



FF242E



43EF90



786C6C



B80009

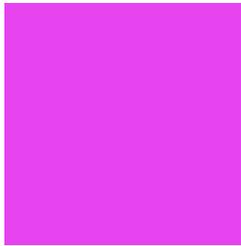


380003



# Previews

## White Background



This preview shows how the Hex color E743EF looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

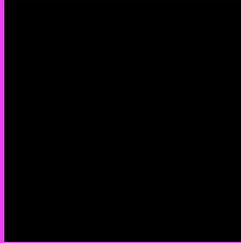
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

## Hex E743EF Background



This preview shows how black text looks on a background with the Hex color E743EF.



This preview shows how white text looks on a background with the Hex color E743EF.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



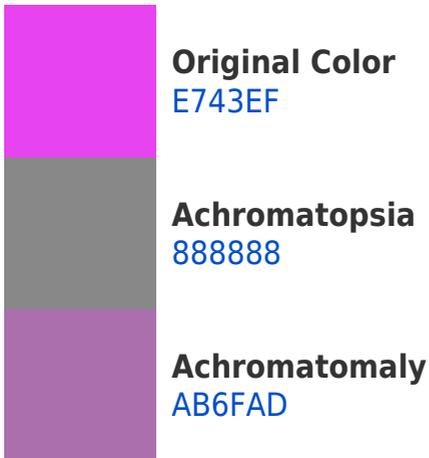


**Tritanopia**  
D96D75

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E743EF is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #E743EF looks like.

```
.text, #text, p{  
    color:#E743EF  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #E743EF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E743EF
}
```

## Border

The CSS property to change the border of an element to Hex E743EF is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E743EF }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#E743EF }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #E743EF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E743EF; -webkit-box-shadow:4px 4px  
4px 4px #E743EF; box-shadow:4px 4px 4px  
4px #E743EF }
```

# Background

The CSS property to change the background color of an element to Hex E743EF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E743EF }
```

If only the background color should be changed can be used:

```
.background{ background-color:#E743EF }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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